



The State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

OGM Priscilla Burton Environmental Scientist III

## Inspection Report

Permit Number:	C0150017
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, July 14, 2004
Start Date/Time:	7/14/2004 5:30:00 PM
End Date/Time:	7/14/2004 8:30:00 PM
Last Inspection:	Friday, June 25, 2004

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun 75 F

InspectionID Report Number: 334

Accepted by: whedberg  
8/8/2004

Permittee: **PACIFICORP**

Operator: **ENERGY WEST MINING CO**

Site: **DES BEE DOVE MINE**

Address: **PO BOX 310, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

**Current Acreages**

154.86	<b>Total Permitted</b>
23.88	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**Mineral Ownership**

- ☒ Federal  
☒ State  
☐ County  
☒ Fee  
☐ Other

**Types of Operations**

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

Observed status of reclamation in Phase I and Phase II areas.

Inspector's Signature

*Priscilla Burton*

Date

Monday, July 19, 2004

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 [www.ogm.utah.gov](http://www.ogm.utah.gov)

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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### **4.a Hydrologic Balance: Diversions**

The main channel is stable.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

Some erosion was noted along the cattle trail. Major erosion was noted in the coal chute area of the cattle trail and at the top of 180 degree turn in cattle trail. Erosion has created a deep gully in the slope that was cut for topsoil. This slope is steeper than 2h:1v, as planned. Also in this vicinity, along the Deseret/Beehive access road below the 180 degree turn, erosion of the fill against the coal seam has exposed the coal seam for a length of about five feet and width of about 18 inches. Gouges are all stable and holding in the Beehive and Little Dove area (Phase I). Erosion of gouges is occurring in Phase II (photo taken); however, vegetation is becoming established in the gouges and the soil movement should stabilize given more time. The erosion noted is mentioned for the purpose of monitoring only. There is no affect on the post mining land use at this time.

#### **9. Protection of Fish, Wildlife and Related Environmental Issues**

A flock of chuckers or sage hens were nesting in the gouges in the reclaimed main access road to the site. A cottontail rabbit was seen in the Phase 1 area.

#### **13. Revegetation**

Vegetation on the access road to the site looks good for the first year of growth. Four yellow sweet clover plants were noted in this location. Yellow sweet clover was not in the seed mix. Bees were actively pollinating them.

Vegetation on the access road between the Deseret pad and the fence (blocking cattle access) is excellent. This was seeded in early spring 2003 into topsoil salvaged from the Beehive pad area. The worst seedling emergence is on the cut slope above the access road to the Beehive at the 180 degree turn. This was a site of cut and the subsoil was seeded at the same time and with the same mix as the successful area just down the road towards the Deseret pad.

The site of the former substation looks good, although the site has been invaded by Hounds tongue, a weed.

The fence around Phase 1 is in good shape. The plants in the Phase 1 area that is off limits to grazing were noticeably larger than those outside the fence. (Comparison photos were taken of grazed and not grazed areas.)

Vegetation in Phase 1 is now 2 years along and looks very good. Within the fence, the plants are setting seed. One saltbush plant was measured at 3 ft high. There is a lot of variety in grasses. Indian rice grass is thriving in the drainage.